WHAT IS CLAIMED IS:

1. A multiple bandwidth antenna assembly comprising:

a helical radiator having at least a first helical pitch and a second helical pitch;

a core plug having a first axial piece and a second axial piece that abut one another; and

a first recessed pattern configured on said first axial piece to engage at least said first helical pitch and a second recessed pattern configured on said second axial piece to engage at least said second helical pitch.

2. The multiple bandwidth antenna assembly of claim 1 wherein said first axial piece and said second axial piece are configured to couple with one another.

3. The multiple bandwidth antenna assembly of claim 1 wherein said first axial piece and said second axial piece threadedly engage one another.

4. The multiple bandwidth antenna assembly of claim 1 wherein said first axial piece and said second axial piece engage one another in a snap-fit engagement.

5. The multiple bandwidth antenna assembly of claim 1 wherein medial ends of each of said first and second axial pieces are configured to matingly engage one another.

6. The multiple bandwidth antenna assembly of claim 1 wherein medial ends of each of said first and second axial pieces are configured to frictionally engage one another.

7. The multiple bandwidth antenna assembly of claim 1 wherein medial ends of each of said first and said second axial pieces are configured to be in abutment with one another.

8. The multiple bandwidth antenna assembly of claim 1 wherein medial ends of each of said first axial piece and said second axial piece are held in engagement by adhesion.

9. The multiple bandwidth antenna assembly of claim 1 wherein said first helical pitch creates resonance at a frequency of 1575MHz and a combination of said first helical pitch and said second helical pitch creates resonance between 806 and 941 MHz.

10. The multiple bandwidth antenna assembly of claim 1 wherein said second axial piece is made of a relatively more elastic material than said first axial piece.

11. The multiple bandwidth antenna assembly of claim 10 wherein said second axial piece comprises Lexan 141 and said first axial piece comprises Texin 255.

12. The multiple bandwidth antenna assembly of claim 1 wherein one of said first and second recessed patterns includes a second helical pitch.

13. The multiple bandwidth antenna assembly of claim 12 wherein said second recessed pattern is configured to engage both of said first and said second helical pitches.

14. The multiple bandwidth antenna assembly of claim 1 wherein said first and second recessed patterns each include a second helical pitch.

15. The multiple bandwidth antenna assembly of claim 14 wherein said helical radiator is configured to engage said first and second helical pitches and each of said first and second recessed patterns.

16. A multiple bandwidth antenna assembly comprising:

core means having at least two pieces;

coupling means having a predetermined helical pitch for removably coupling said at least two pieces to one another;

engagement means disposed on said at least two pieces and configured to matingly engage said coupling means.

17. The multiple bandwidth antenna assembly of claim 16 wherein said coupling means comprises a multiple pitch helical radiator.

18. The multiple bandwidth antenna assembly of claim 16 wherein said engagement means comprises at least two recessed patterns.

19. The multiple bandwidth antenna assembly of claim 18 wherein said at least two recessed patterns each include at least one helical pitch.

20. The multiple bandwidth antenna assembly of claim 18 wherein one of said at least two recessed patterns includes a first and a second helical pitch.

21. The multiple bandwidth antenna assembly of claim 19 wherein one of said at least two recessed patterns includes a helical pitch of 1.79 mm, and a second of said at least two recessed patterns includes a helical pitch of 5.40 mm.

22. The multiple bandwidth antenna assembly of claim 20 wherein one of said at least two recessed patterns includes a first helical pitch of 1.79 mm and a second helical pitch of 2.43 mm, and a second of said at least two recessed patterns includes a helical pitch of 5.40 mm.

23. The multiple bandwidth antenna assembly of claim 16 wherein said core means comprises a plurality of pieces.

24. A method for assembling a multiple bandwidth antenna comprising:

providing a helical radiator having at least one predetermined helical pitch;

forming a first core plug piece configured to engage a first portion of said helical radiator;

forming a second core plug piece configured to engage a second portion of said helical radiator;

inserting said first core plug piece into said first portion and said second core plug piece into said second portion; and

coupling said first core plug piece to said second core plug piece.

25. The method of claim 24 wherein said step of coupling said first core plug piece to said second core plug piece follows said step of inserting said first core plug piece into said first helical pitch.

26. The method of claim 24 wherein said step of coupling said first core plug piece to said second core plug piece occurs while said second core plug piece is inserted into said second portion of said helical radiator.

27. The method of claim 24 wherein said step of providing a helical radiator comprises providing a multiple pitch helical radiator configured to engage a first core plug piece having a helical pitch of 1.79 mm and a second core plug piece having a helical pitch of 5.40 mm.

28. The method of claim 24 wherein said step of inserting said first core plug piece into said first helical pitch and said second core plug piece into said second helical pitch includes inserting a leading end of said helical radiator into a medial end of said first core piece.

29. The method of claim 28 wherein a lagging end of said helical radiator is subsequently inserted into a medial end of said second core piece.

30. A method for assembling a multiple bandwidth antenna comprising:

preforming a helical radiator having at least one predetermined pitch;

assembling a core plug portion into a first pitch of said helical radiator; and

assembling a second core plug portion into a second pitch of said helical radiator.

31. A multiple bandwidth antenna assembly comprising:

core means having at least two pieces;

a helical radiator having at least one predetermined helical pitch for removably coupling said at least two pieces to one another;

engagement means disposed on said at least two pieces and configured to matingly engage said helical radiator.